

TABLE 1

Carrier	Example	Nimesulide / Carrier Ratio	Conservation conditions							
			Beginning of stability	15 days in packet and then 25 days at 4°C in closed vial	15 days in packet and then 25 days in open vial	40 days in packet	60 days in packet at room T and RH			
			ΔH_f (mJ/mg)	T_f (°C)	ΔH_f (mJ/mg)	T_f (°C)	ΔH_f (mJ/mg)	T_f (°C)	ΔH_f (mJ/mg)	T_f (°C)
NVP/VA	1	1 / 3	20.4	107.0	4.4	107.8	0	0	0	12.1
	2	1 / 4	10.2	105.0	0	0	0	0	0	2.1
PVP	A	1 / 3	22.8	121.9	18.9	117.6	19.0	123.4	22.5	119.7
	B	1 / 4	22.0	119.2	18.2	119.2	16.8	122.4	10.4	118.9
PVP-CL	C	1 / 3	21.0	130.0	25.9	132.8	22.5	131.7	21.7	131.9
	D	1 / 4	21.0	128.2	19.9	132.0	20.6	131.2	18.6	131.1

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TABLE 2

Carrier	Example	Nimesulide / Carrier Ratio	Activation time (hours)			
			0	1	2	
NVP/VA	3	1/3	60.6	137.3	34.7	114.9
	4	1/4	59.6	140.2	19.0	109.4
PVP	E	1/3	95.8	149.8	28.5	136.0
	F	1/4	75.9	149.4	15.0	133.0
PVP-CL	G	1/3	79.2	150.7	32.9	132.6
	H	1/4	77.2	150.5	24.6	130.6

TABLE 3

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Carrier	Example	Activation time (hours)					
		0	1	2	3	4	
		ΔH_f (mJ/mg)	T_f (°C)	ΔH_f (mJ/mg)	T_f (°C)	ΔH_f (mJ/mg)	T_f (°C)
NVP/VA	5	-	-	45.8	147.1	45.8	140.0
PVP-CL	1	-	-	63.2	200.0	47.5	199.5
β -cyclodestrin	L	-	-	62.3	177.9	64.9	177.5

TABLE 4

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TABLE 5

Carrier	Example	UDCA/ Carrier Ratio	Time (hours)					
			0	1	2	3	4	
NVP/VA	7	1/4	20.3	206.2	22.2	143.1	20.5	141.6
	8	1/5	24.2	206.2	20.7	140.1	16.3	139.1
β -cyclodextrin	N	1/4	81.1	207.5	40.2	202.5	5.7	201.5
	O	1/5	84.1	207.5	37.4	203.0	13.3	205.8

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TABLE 6

Carrier	Example	Time (minutes)		
		5	10	15
NVP/VA	2	93.2 %	97.1 %	98.6 %
PVP	B	79.7 %	93.1 %	95.6 %
PVP-CL	D	40.6 %	65.2 %	75.8 %

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TABLE 7

Carrier	Example	Time (minutes)			
		2	4	6	8
NVP/VAc	5	49.3 %	90.4 %	95.2 %	97.6 %
PVP-CL	I	45.4 %	63.2 %	75.5 %	84.4 %